

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**COMPLETION OF FILING NATIONAL PHASE OF PCT APPLICATION**

**UNDER RULE 35 USC 371 AND 37 CFR 1.494(C) OR 1.495(C)**



**BOX PCT**

**COMPLETION  
For PCT Cases Only**

In re PATENT APPLICATION of

Inventor(s): KANGAS et al.

Appln. No.: 09 807,471  
Series Code ↑ Serial No. ↑

Attn: Application Division  
Atty. Dkt. P 280086 2980538US/HS/kop  
M# Client Ref

National Phase Field

Based on PCT F199 00840  
↑ Country Code & Year

Title: DATA TRANSMISSION RESOURCES OPTIMIZATION

Date: June 21, 2001

**FILING OF ITEM(S) LATE IN PCT/USA NATIONAL CASE**

Asst. Commissioner of Patents  
Washington, DC 20231

Sir:

The following completes the filing of the subject application under Rule 494(c)/495(c). Please accept the following attached items:

1. Missing Requirements Notice (PCT/DO/EO/905) ☒ copy attached ☐ not yet received
2. ☒ **Signed Declaration** ☒ Original ☐ Facsimile/Copy ☐ with spec/claims attached
3. ☐ **Translation** of the International Application into English including:
  - a. ☐ Request;
  - b. ☐ Abstract
  - c. ☐ pgs. Spec. and Claims;
  - d. ☐ Translation verification
  - e. ☐ sheets Drawing which are: ☐ informal ☐ formal of size ☐ A4 ☐ 11"
4. ☐ Copy of **International Search Report (ISR)** attached (☐ page(s))
  - a. ☐ plus Annex of family members (☐ page(s))
5. **Information Disclosure Statement** including
  - a. ☐ From PTO-1449 listing documents
  - b. ☐ Copies of document(s) listed on Form PTO-1449
  - c. ☐ A concise explanation of ISR references is given in the ISR
6. ☒ **Assignment** and cover sheet. Please return the recorded assignment to the undersigned.
7. ☐ Copy of Power to international application agent.
8. ☐ (No.) Small Entity Statement(s) establishing "small entity" status under Rules 9 & 27.
9. ☐ Formal Drawings: ☐ sheet(s) ☐ informal; ☐ formal of size! ☐ A4 ☐ 11"
10. ☒ Please immediately start national examination procedures (35 USC 371(f))

11. ☐ Attached:
12. ☐ Preliminary Amendment:
13. ☒ Basic U.S. National fee per Rule 492(a)(1)-(4) was previously timely filed.:
14. **Calculation of remaining fees due (if any):** based on amended claim(s) per above item  
☐ 12 (above) or item(s) in PAT-112 (filed previously) ☐ 12 ☐ 14 ☐ 17 ☐ 25
15. **CLAIMS FEES** ☐ previously paid ☒ paid herewith as follows:
- 15A. Small Entity Statement ☐ Herewith ☐ Previously Filed

				Large/Small Entity		Fee Code	
16. Total Effective Claims	23	minus 20 =	3	x \$18/\$9	+54	966/967	
17. Independent Claims	4	minus 3 =	1	x \$80/\$40	+80	964/965	
18. If <u>any</u> proper multiple dependent claim (ignore improper) is present,				\$270/\$135	+0	968/969	
19. Filing Declaration late, fee paid <input type="checkbox"/> previously <input checked="" type="checkbox"/> now				\$130/\$65	+130	154/254	
20. <b>SUBTOTAL</b>					<b>\$264</b>		
21. <b>Original due date:</b> July 16, 2001							
22. <b>Petition is hereby made</b> to extend the <b>original</b> due date to cover the date this response is filed for which the requisite fee is attached				(1 mo)	\$110/\$55 =	+0	115/215
				(2mos)	\$390/\$195 =		116/216
				(3mos)	\$890/\$445 =		117/217
				(4mos)	\$1390/\$695 =		118/218
23. If "non-English" box 3 is X'd, add Rule 17(k) processing fee . . . . .				\$130	+0	156	
24. If "assignment" box 6 is X'd, add recording fee. . . . .				\$40	+40	581	
25. <b>TOTAL FEE ENCLOSED =</b>					<b>\$304</b>		

(Our Deposit Account No. 03-3975)

(Our Order No. 60258 | 280086

C#

M#

**CHARGE STATEMENT:** The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficient fee only) now or hereafter relative to this application and the resulting Official document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown above for which purpose a duplicate copy of this sheet is attached.

This CHARGE STATEMENT does not authorize charge of the issue fee until/unless an issue fee transmittal form is filed.

**Pillsbury Winthrop LLP**  
**Intellectual Property Group**

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CHM/JRH

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**NOTE:** File in duplicate with PTO receipt (PAT-103A) and attachments

06/25/2001 MNGUYEN 00000152 09807471

01 FC:966

54.00 OP

02 FC:964

80.00 OP

03 FC:154

130.00 OP



UNITED STATES PATENT AND TRADEMARK OFFICE

**RECEIVED**Commissioner for Patents, Box PCT  
United States Patent and Trademark Office  
Washington, D.C. 20231  
www.uspto.gov

U.S. APPLICATION NO.	PILLSBURY WINTHROP LLP	ATTY. DOCKET NO.
09/807471	KANGAS	P 280086
MAY 18 2001		INTERNATIONAL APPLICATION NO.
PILLSBURY WINTHROP LLP 1100 NEW YORK AVENUE, N.W. 9TH FLOOR WASHINGTON, DC 20005		PCT/FI99/00840
CL# 60258 MT# 280086	WATTS(S) DSL, CHM, AMS	
DUE: July 16, 2001	I.A. FILING DATE	PRIORITY DATE
DKT BY (1) JEH (2) CJS	11 OCT 99	13 OCT 98

DATE MAILED: 16 MAY 2001

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

1. The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as ☐ a Designated Office (37 CFR 1.494) ☒ an Elected Office (37 CFR 1.495):

- |  |   |
|--|---|
| <input checked="" type="checkbox"/> U.S. Basic National Fee.   | <input type="checkbox"/> Indication of Small Entity Status.                         |
| <input checked="" type="checkbox"/> Copy of the international application.   | <input type="checkbox"/> Translation of the international application into English. |
| <input type="checkbox"/> Oath or Declaration of inventor(s).   | <input type="checkbox"/> Translation of Article 19 amendments into English.         |
| <input type="checkbox"/> Copy of Article 19 amendments.  | <input type="checkbox"/> Other:   |
| <input checked="" type="checkbox"/> Priority Document.   |   |
| <input checked="" type="checkbox"/> The International Preliminary Examination Report in English and its Annexes, if any. |   |
| <input type="checkbox"/> Translation of Annexes to the International Preliminary Examination Report into English.        |   |

2. ☐ Applicant has requested early processing under 35 U.S.C. 371(f) but has not filed the following indicated items and/or the indicated items in paragraph 3 below. The Basic National Fee and the copy of the international application must be filed prior to 20 or 30 months from the priority date to avoid abandonment.

- ☐ U.S. Basic National Fee. ☐ Copy of the international application.

3. The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- ☐ a. Translation of the application into English. A processing fee will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current translation is defective for the reasons indicated on the attached Notice of Defective Translation.
- ☐ b. Processing fee for providing the translation of the application and/or the Annexes later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(f)).
- ☒ c. Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), properly identifying the application (preferably by the International application number and international filing date). A surcharge will be required if submitted later than the appropriate 20 or 30 months from the priority date.
- ☐ The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) for the reasons indicated on the attached PCT/DO/EO/917.
- ☒ d. Surcharge for providing the oath or declaration later than the appropriate 20 or 30 months from the priority date (37 CFR 1.492(e)).

4. Additional claim fees of \$\_\_\_\_\_ as a ☐ large entity ☐ small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due (37 CFR 1.492(g)). See attached PTO-875.

5. ☐ Applicant has not submitted the required sequence listing pursuant to 37 CFR 1.821-1.825. See attached PCT/DO/EO/920.

**ALL OF THE ITEMS SET FORTH IN 3(a)-3(d), 4 AND 5 ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 22 OR 32 MONTHS (where 37 CFR 1.495 applies) FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

6. If box 3a or 3c is checked, a translation of the Annexes **MUST** be submitted no later than the time period set above or the Annexes will be cancelled. A processing fee will be required if submitted later than 20 or 30 months from the priority date.
7. ☐ The Article 19 amendments are cancelled since a translation was not provided by the appropriate 20 (37 CFR 1.494(d)) or 30 (37 CFR 1.495(d)) months from the priority date.

Applicant is reminded that any communication to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above. (37 CFR 1.5)

***A copy of this notice MUST be returned with this response.***

- Enclosed: ☐ PCT/DO/EO/917 ☐ Notice of Defective Translation  
☐ PTO-875 ☐ PCT/DO/EO/920

Charitta A. Buft, Paralegal

FORM PCT/DO/EO/905 (March 2001)

Telephone: 703-305-3734